

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
28 October 2004 (28.10.2004)

PCT

(10) International Publication Number  
**WO 2004/091975 A1**

(51) International Patent Classification<sup>7</sup>: **B60R 1/074**

(21) International Application Number:  
PCT/NL2004/000256

(22) International Filing Date: 15 April 2004 (15.04.2004)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:  
1023228 18 April 2003 (18.04.2003) NL

(71) Applicant (for all designated States except US): IKU  
HOLDING MONTFOORT B.V. [NL/NL]; Waardsedijk  
Oost 9, NL-3417 XJ Montfoort (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BROUWER, Ste-  
fan, Frits [NL/NL]; Hollanderstraat 22, NL-2517 HK  
Den Haag (NL). VAN GELDEREN, Arjen [NL/NL];

Prins Bernardstraat 8, NL-3405 XV Benschop (NL). VAN  
STIPHOUT, Paulus, Gerardus, Maria [NL/NL]; Frans  
Kafkaweg 25, NL-3446 ZK Woerden (NL).

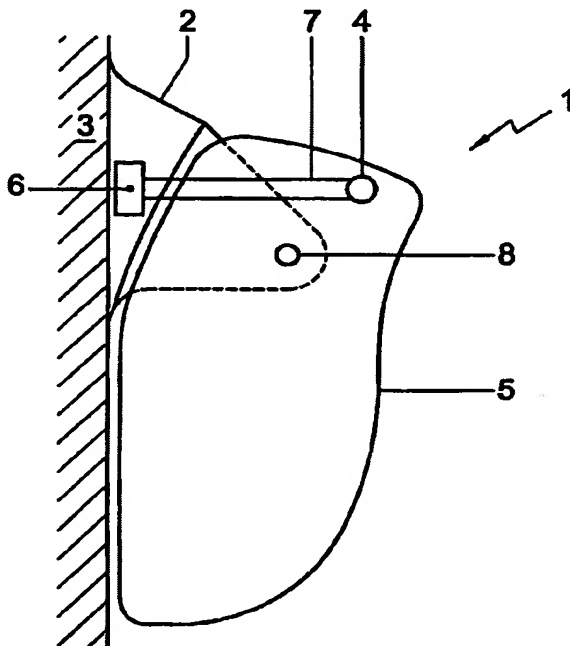
(74) Agent: WINCKELS, J., H., F.; Nieuwe Parklaan 97,  
NL-2587 BN Den Haag (NL).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: WING MIRROR UNIT



(57) Abstract: A wing mirror unit (1), in particular for a motor vehicle, comprising a base plate (2), on which by means of a pivot construction a supporting frame (5) is provided. The wing mirror (1) further comprises an electric actuator, with which the supporting frame (5) is pivotal with respect to the base plate (2) between a folded orientation, in which the supporting frame (5) substantially abuts along the body of the motor vehicle (3), and an unfolded orientation, in which the supporting frame (5) is substantially oriented transversely to the body (3). Furthermore, the electric actuator is provided with an engaging part coupled with the supporting frame (5), which engaging part is adjustable with respect to the base part (2) substantially transversely to the body (3) between a first orientation located near the base plate (2) and a second orientation located farther outward with respect to the body (3).